This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

THIS PAGE BLANK (USPTO)

● EPODOC / EPO

PN - JP2000037789 A 20000208

PD - 2000-02-08

PR - JP19980205969 19980722

OPD - 1998-07-22

TI - PRODUCTION OF TOOTHED BELT

IN - NOSAKA SOKICHI

PA - MITSUBOSHI BELTING LTD

IC - B29D29/08 ; B29C33/02 ; B29C35/02 ; F16G1/28 ; B29K21/00 ;
B29K105/24 ; B29L29/00

O WPI / DERWENT

TI - Manufacturing method for toothed belt

PR - JP19980205969 19980722

PN - JP3329736B2 B2 20020930 DW200271 B29D29/08 007pp

- JP2000037789 A 20000208 DW200063 B29D29/08 007pp

PA - (MIUA) MITSUBOSHI BELTING LTD

IC - B29C33/02 ;B29C35/02 ;B29D29/08 ;B29K21/00 ;B29K105/24 ;B29L29/00 ;F16G1/28

- JP2000037789 NOVELTY A method for manufacturing a toothed belt comprising a core-wire buried between teeth portions arranged in the lengthwise direction at regular intervals and the back side and a cylindrical canvas member covering the teeth portion, wherein the method comprises a step for inserting a metallic rod in a machine sewed joint portion of a cylindrical canvas member, a step for obtaining a preliminary formed article by pressing the cylindrical canvas member together with the inserted metallic rod by magnetic force of a magnet member placed in a molding groove while placing the inserted metallic rod on the outside of the cylindrical canvas member, a step for forming a belt sleeve by vulcanizing unvulcanized rubber stacked on the span core-wire after removing the metallic rod and the magnet member.
 - USE The method is suitable for manufacturing a toothed belt with good appearance.
 - DESCRIPTION OF DRAWING(S) The drawing shows an expanded partial cross sectional view of a molding groove
 - Cylindrical Canvas Member 1
 - Joint Portion 4
 - Machine Sewing Thread 6
 - Preliminary Formed Article 8
 - Inserted Metallic Rod 10

none

- Mold 11
- Molding Groove 12
- Magnet Member 17
- (Dwg.7/9)

OPD - 1998-07-22

AN - 2000-649266 [63]

O PAJ / JPO

PN - JP2000037789 A 20000208

PD - 2000-02-08

AP - JP19980205969 19980722

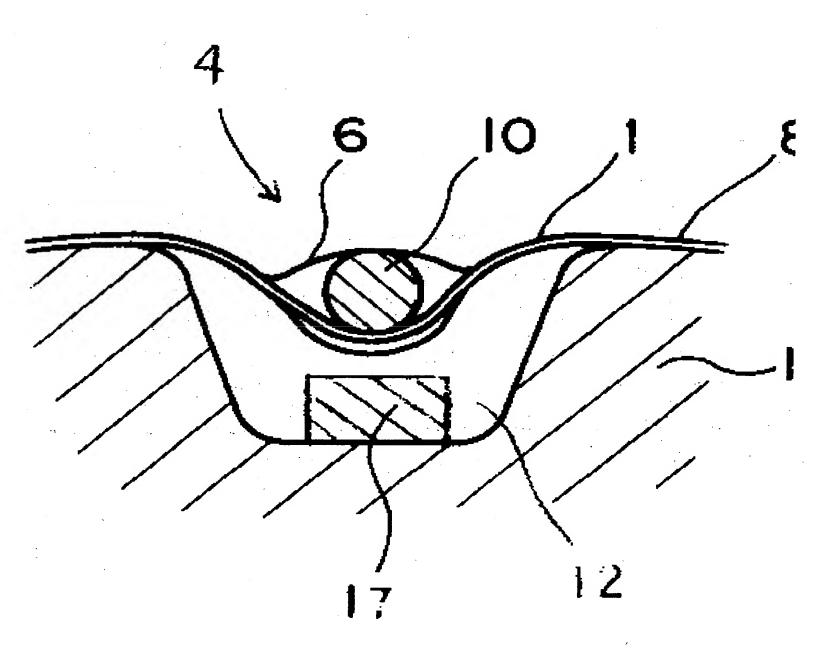
IN - NOSAKA SOKICHI

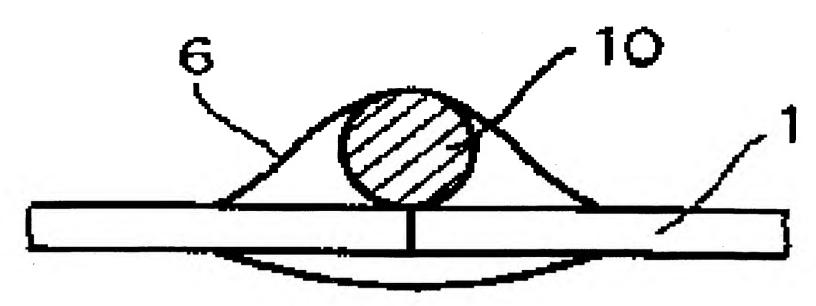
PA - MITSUBOSHI BELTING LTD

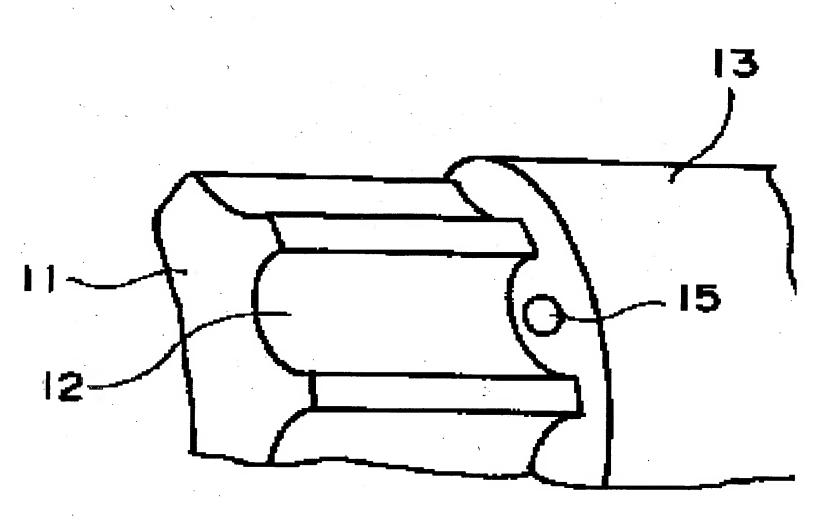
TI - PRODUCTION OF TOOTHED BELT

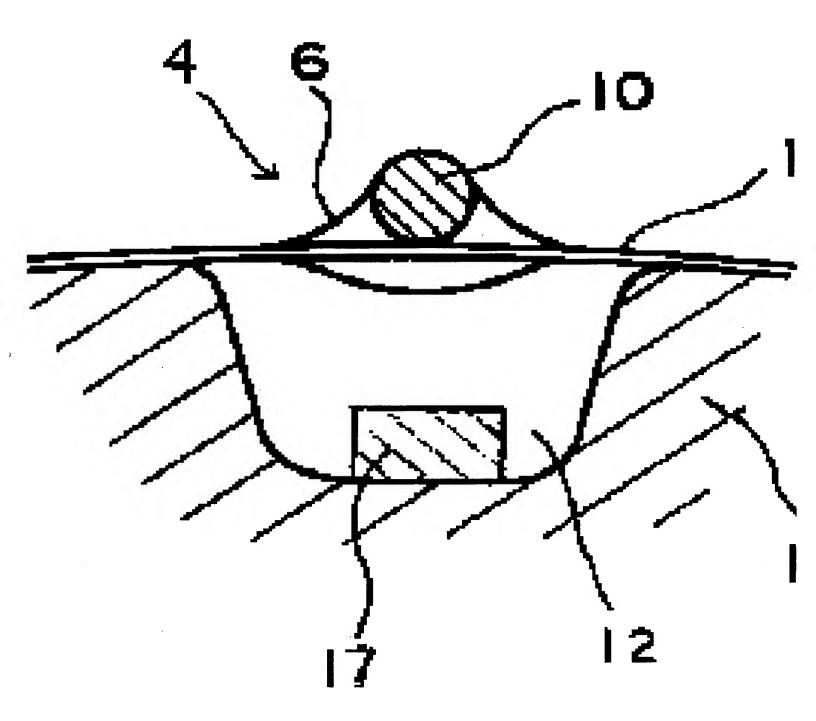
- AB PROBLEM TO BE SOLVED: To provide a toothed belt producing method capable of accurately setting the position of the joint part in cylindrical canvas sewn by a sewing machine, eliminating the bleeding of rubber from the joint part to improve appearance and preventing the early cracking or sounding from the joint part.
 - SOLUTION: A process inserting a metal insert rod 10 into the joint part 4 sewn by a sewing machine positioned on the outside of cylindrical canvas 1, a process mounting the cylindrical canvas 1/ into which the insert rod 10 is inserted on a mold so that the insert rod 10 is positioned in a mold groove part 12 and pushing the cylindrical canvas 1 in the groove part along with the insert rod 10 by the magnetic force of the magnetic body 17 arranged to the mold groove part 12 to form a preformed object 8 and a process pulling off the insert rod 10 and the magnetic body 17 to spin a core wire comprising a cord around the preformed object and laminating unvulcanized rubber thereon and vulcanizing and molding the whole so that the unvulcanized rubber flows in the mold groove part 12 to produce a belt sleeve are provided.
- SI B29K21/00 ;B29K105/24 ;B29L29/00
- B29D29/08 ;B29C33/02 ;B29C35/02 ;F16G1/28

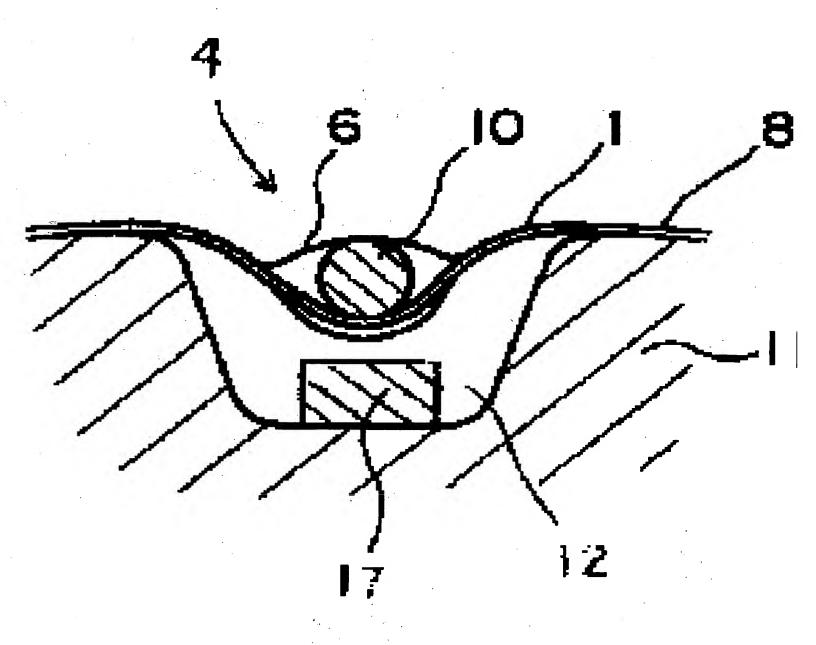
none

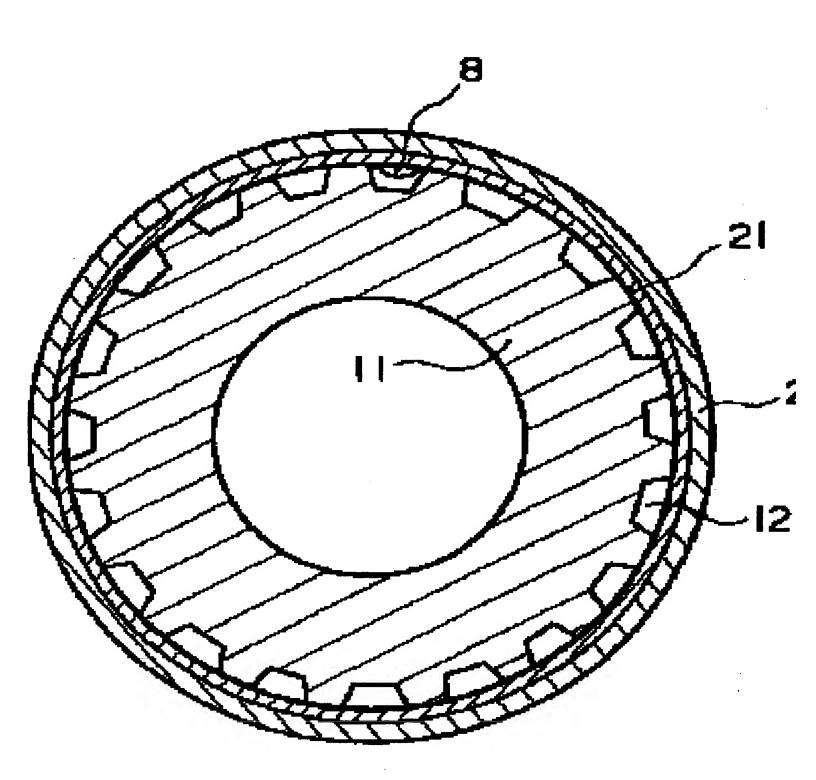


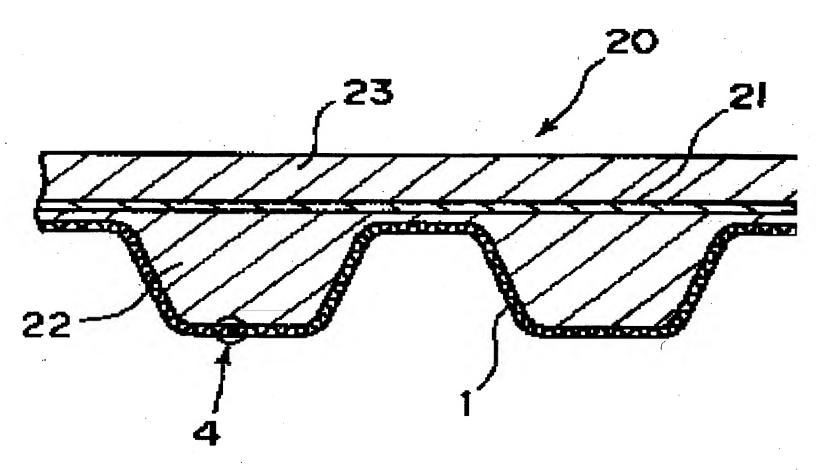












					= % 4
			•		
	,				·
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
		•			
				·	
			e. e.		
	(i) (i) (ii) (ii) (ii) (ii) (ii) (ii) (
		्रा इ.स. विकास	P		
			in the second of		
		e _s	*** **********************************	*	
			The section of the se	ж. Э. — Э.	
					*
		S. Alle			
		; ;			•
					•
	r	N	ě.·		.*
				•	
		·			
			•	•	
					· · · · · · · · · · · · · · · · · · ·
				î.	
	•	,			
· V		*	**************************************	**	•